Annual Environmental Report

2024

Courtown/Gorey

D0046-01

CONTENTS

1 EXECUTIVE SUMMARY AND INTRODUCTION TO THE 2024 AER

This Annual Environmental Report has been prepared for D0046-01, Courtown/Gorey, in Wexford in accordance with the requirements of the wastewater discharge licence for the agglomeration. Specified reports where relevant are included as an appendix to the AER.

1.1 ANNUAL STATEMENT OF MEASURES

A summary of any improvements undertaken is provided where applicable.

There were no major capital or operational changes undertaken.

1.2 TREATMENT SUMMARY

The agglomeration is served by a wastewater treatment plant(s)

- Courtown WWTP with a Plant Capacity PE of 36000, the treatment type is 2 - Secondary treatment .

1.3 ELV OVERVIEW

The overall compliance of the final effluent with the Emission Limit Values (ELVs) is shown below. More detailed information on the below ELV's can be found in Section 2.

Discharge Point Reference	Treatment Plant	Discharge Type	Compliance Status	Parameters failing if relevant
TPEFF3300D0046SW001	Courtown WWTP	Treated	Compliant	N/A

1.4 LICENCE SPECIFIC REPORTING

Assessment / Report
There are no Licence Specific Reports included in this AER.

2 TREATMENT PLANT PERFORMANCE AND IMPACT SUMMARY

2.1 COURTOWN WWTP - TREATED DISCHARGE

2.1.1 INFLUENT MONITORING SUMMARY - COURTOWN WWTP

A summary of influent monitoring for the treatment plant is presented below. This monitoring is primarily undertaken in order to determine the overall efficiency of the plant in removing pollutants from the raw wastewater.

Parameters	Number of Samples	Annual Max	Annual Mean
COD-Cr mg/l	12	557	252
BOD, 5 days with Inhibition (Carbonaceo mg/l	12	223	108
Suspended Solids mg/l	12	282	74
Total Phosphorus (as P) mg/l	12	7.70	3.71
Total Nitrogen mg/l	12	62	37
Hydraulic Capacity	N/A	20746	8333

If other inputs in the form of sludge / leachate are added to the WWTP then these are included in Section 2.1.5 if applicable.

Significance of Results:

The annual mean hydraulic loading is less than the peak Treatment Plant Capacity. The annual maximum hydraulic loading is less than the peak Treatment Plant Capacity. Further details on the plant capacity and efficiency can be found under the sectional ‘Operational Performance Summary’. The design of the wastewater treatment plant allows for peak values and therefore the peak loads have not impacted on compliance with Emission Limit Values.

2.1.2 EFFLUENT MONITORING SUMMARY - TPEFF3300D0046SW001

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of exceedances with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
COD-Cr mg/l	125	250	N/A	12	N/A	N/A	17	Pass
Suspended Solids mg/l	35	87.5	N/A	12	N/A	N/A	3.54	Pass
Total Oxidised Nitrogen (as N) mg/l	35	42	N/A	12	N/A	N/A	5.97	Pass
Ammonia-Total (as N) mg/l	25	30	N/A	12	N/A	N/A	0.079	Pass
BOD, 5 days with Inhibition (Carbonaceo mg/l	25	50	N/A	12	N/A	N/A	2.11	Pass
Temperature °C	25	25	N/A	12	N/A	N/A	8.79	Pass
pH pH units	9	9	N/A	12	N/A	N/A	7.19	Pass
Total Phosphorus (as P) mg/l	N/A	N/A	N/A	12	N/A	N/A	2.37	
Faecal coliforms no./100mls	N/A	N/A	N/A	2	N/A	N/A	13385	

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of exceedances with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
E. Coli no./100mls	N/A	N/A	N/A	2	N/A	N/A	13385	
Nitrite (as N) mg/l	N/A	N/A	N/A	12	N/A	N/A	0.057	
Total Nitrogen mg/l	N/A	N/A	N/A	12	N/A	N/A	8.68	
ortho-Phosphate (as P) - unspecified mg/l	N/A	N/A	N/A	12	N/A	N/A	1.66	
Nitrate (as N) mg/l	N/A	N/A	N/A	12	N/A	N/A	5.95	
Enterococci (Intestinal) cfu/100ml	N/A	N/A	N/A	2	N/A	N/A	3123	
Visual Inspection Descriptive	N/A	N/A	N/A	12	N/A	N/A	N/A	

Notes:
1 – This represents the Emission Limit Values after the Interpretation provided for under Condition 2 of the licence is applied
2 – For pH the WWDA specifies a range of pH 6 - 9

Cause of Exceedance(s):

Not applicable

Significance of Results:

The WWTP is compliant with the ELV's set in the Wastewater Discharge Licence.

2.1.3 AMBIENT MONITORING SUMMARY FOR THE TREATMENT PLANT DISCHARGE TPEFF3300D0046SW001

A summary of monitoring from ambient monitoring points associated with the wastewater discharge is provided in the sections below. For discharges to rivers upstream (U/S) and downstream (D/S) location data is provided. For other ambient points in lakes, coastal or transitional waters, monitoring data from the most appropriate monitoring station is selected.

The table below provides details of ambient monitoring locations and details of any designations as sensitive areas.

Ambient Monitoring Point from WWDL (or as agreed with EPA)	Irish Grid Reference	River Station Code	Bathing Water	Drinking Water	FWPM	Shellfish	WFD Ecological Status
Upstream	322087, 147973	CW33002081SY4002	No	No	No	No	High
Downstream	320251, 156046	CW33002081SY4003	No	No	No	No	High
Downstream	321659, 160082	CW33002081SY4004	No	No	No	No	High

The results for ambient results and / or additional monitoring data sets are included in the **Appendix 7.1 - Ambient monitoring summary**

Significance of Results:

The coastal/transitional ambient monitoring results do not meet the required EQS. The EQS relates to the Oxygenation and Nutrient Conditions set out in the Surface Water Regulations 2009.

The WWTP discharge was compliant with the ELV's set in the wastewater discharge licence.

Based on ambient monitoring results a deterioration in CW33002081SY4003: ortho-phosphate, Intestinal Enterococci CW33002081SY4004: Dissolved Inorganic Nitrogen, Intestinal Enterococci, Total Nitrogen, concentrations downstream of the effluent discharge is noted.

A deterioration in water quality has been identified, however it is not known if it or is not caused by the WWTP.

Other causes of deterioration in water quality in the area are unknown.

The discharge from the wastewater treatment plant does not have an observable negative impact on the Water Framework Directive status.

The discharge from the wastewater treatment plant does have an observable impact on the coastal/transitional water quality.

2.1.4 OPERATIONAL PERFORMANCE SUMMARY - COURTOWN WWTP

2.1.4.1 Treatment Efficiency Report - Courtown WWTP

Treatment efficiency is based on the removal of key pollutants from the influent wastewater by the treatment plant. In essence the calculation is based on the balance of load coming into the plant versus the load leaving the plant. The efficiency is presented as a percentage removal rate.

A summary presentation of the efficiency of the treatment process including information for all the parameters specified in the licence is included below:

Parameter	Influent mass loading (kg/year)	Effluent mass emission (kg/year)	Efficiency (% reduction of influent load)
cBOD	325285	6634	98
TP	11214	7466	33
SS	224848	11128	95
TN	110975	27314	75
COD	760892	54751	93

Note: The above data is based on sample results for the number of dates reported

2.1.4.2 Treatment Capacity Report Summary - Courtown WWTP

Treatment capacity is an assessment of the hydraulic (flow) and organic (the amount of pollutants) load a treatment plant is designed to treat versus the current loading of that plant.

Courtown WWTP	
Peak Hydraulic Capacity (m^3/day) - As Constructed	23625
DWF to the Treatment Plant (m^3/day)	7875
Current Hydraulic Loading - annual max (m^3/day)	20746
Average Hydraulic loading to the Treatment Plant (m^3/day)	8333.12
Organic Capacity (PE) - As Constructed	36000
Organic Capacity (PE) - Collected Load (peak week)[Note1]	24756
Organic Capacity (PE) - Remaining	11244
Will the capacity be exceeded in the next three years? (Yes/No)	No

Nominal design capacities can be based on conservative design principles. In some cases assessment of existing plants has shown organic capacities significantly higher than the nominal design capacity. Accordingly plants that appear to be overloaded when comparing a collected peak load with the nominal design capacity can be fully compliant due to the safety factors in the original design.

2.1.5 SLUDGE / OTHER INPUTS - COURTOWN WWTP

'Other inputs' to the waste water treatment plant are summarised in table below

Input type	Quantity	Unit	P.E.	% of load to WWTP	Included in Influent Monitoring (Y/N)?	Is there a leachate/sludge acceptance procedure for the WWTP?	Is there a dedicated leachate/sludge acceptance facility for the WWTP? (Y/N)
Waterworks Sludge	6188.22	Volume (m3)	36000	0.21	No	No	Yes

3 COMPLAINTS AND INCIDENTS

3.1 COMPLAINTS SUMMARY

A summary of complaints of an environmental nature related to the discharge(s) to water from the WWTP and network is included below.

Number of Complaints	Nature of Complaint	Number Open Complaints	Number Closed Complaints
There were no relevant environmental complaints in 2024.			

3.2 REPORTED INCIDENTS SUMMARY

Environmental incidents that arise in an agglomeration are reported on an on-going basis in accordance with our waste water discharge licences. Where an incident occurs and it is reportable under the licence, it is reported to the Environmental Protection Agency through their Environmental Data Exchange Network, or in some instances by telephone. Some incidents which arise in the agglomeration are recorded by Uisce Éireann but may not be reportable under our licence for example where the incident does not have an impact on environmental performance.

A summary of reported incidents is included below.

3.2.1 SUMMARY OF INCIDENTS

Incident Type	Cause	Recurring (Y/N)	Closed (Y/N)
There were no reportable incidents in 2024.			

3.2.2 SUMMARY OF OVERALL INCIDENTS

Question	Answer
Number of Incidents in 2024	0
Number of Incidents reported to the EPA via EDEN in 2024	0
Explanation of any discrepancies between the two numbers above	N/A

4 INFRASTRUCTURAL ASSESSMENTS AND PROGRAMME OF IMPROVEMENTS

4.1 STORM WATER OVERFLOW IDENTIFICATION AND INSPECTION REPORT

A summary of the operation of the storm water overflows and their significance where known is included below:

4.1.1 SWO IDENTIFICATION

WWDL Name / Code for Storm Water Overflow (chamber) where applicable	Irish Grid Ref. (outfall)	Included in Schedule of the WWDL	Significance of the overflow(High / Medium / Low)	Assessed against DoEHLG Criteria	No. of times activated in 2024 (No. of events)	Total volume discharged in 2024 (m3)	Monitoring Status
SW006	320245, 155959	Yes	High Significance	Meeting Criteria	Unknown	Unknown	Monitored
SW007	315976, 158544	Yes	Low Significance	Meeting Criteria	Unknown	Unknown	Monitored
TBC	320054, 153253	Yes	Low Significance	Meeting Criteria	Unknown	Unknown	Not Monitored

The contents presented in this table include the most up to date information available at the time of writing. Any TBC SWO(s) were identified as part of the on-going National SWO programme and will be updated in subsequent AER(s) once the information is confirmed.

SWO Summary	
How much wastewater discharge by metered SWOs during the year (m3)?	33587
Is each SWO identified as not meeting DoEHLG Guidance included in the Programme of Improvements?	N/A
The SWO Assessment included the requirements of relevant of WWDL schedules?	Yes

SWO Summary	
Have the EPA been advised of any additional SWOs / changes to Schedule C3 and A4 under Condition 1.7?	Yes

4.2 REPORT ON PROGRESS MADE AND PROPOSALS BEING DEVELOPED TO MEET THE IMPROVEMENT PROGRAMME REQUIREMENTS.

4.2.1 SPECIFIED IMPROVEMENT PROGRAMME SUMMARY

A wastewater discharge licence may require a number of reports on specific subject areas to be prepared for the agglomeration in question. These reports are submitted to the EPA as part of the Annual Environmental Report. This section provides a list of the various reports required for this agglomeration and a brief summary of their recommendations.

Specified Improvement Programmes (under Schedule A and C of WWDL)	Description	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
D0046-SIP:01	Decommissioning of Gorey WWTP and subsequent conversion of infrastructure to storm water storage	C	31/12/2013	Yes	Works Completed		
D0046-SIP:02	Decommissioning of inlet overflow mechanism and subsequent utilisation of WWTP infrastructure for storm water retention purposes	C	31/12/2013	Yes	Works Completed		
D0046-SIP:03	Discharge to cease: SW002 Gorey WWTP	A	31/12/2013	Yes	Works Completed		

Specified Improvement Programmes (under Schedule A and C of WWDL)	Description	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
D0046-SIP:04	Discharge to cease: SW003 Riverchapel	A	31/12/2013	Yes	Works Completed		
D0046-SIP:05	Discharge to cease: SW004 Paulishaun	A	31/12/2013	Yes	Works Completed		
D0046-SIP:06	Discharge to cease: SW005 Ballinatray	A	31/12/2013	Yes	Works Completed		
D0046-SIP:07	Elimination of all unauthorised discharges/surcharges from waste water works	C	31/12/2013	Yes	Works Completed		
D0046-SIP:08	Upgrading of waste water works to convey all WW for treatment to Courtown WWTP	C	31/12/2013	Yes	Works Completed		
D0046-SIP:09	WWTP upgrade and ancillary works	C	31/12/2013	Yes	Works Completed		

A summary of the status of any other improvements identified by under Condition 5 assessments- is included below.

4.2.2 IMPROVEMENT PROGRAMME SUMMARY

Improvement Identifier	Improvement Description / or any Operational Improvements	Improvement Source	Expected Completion Date	Comments
No additional improvements planned at this time.				

4.2.3 SEWER INTEGRITY RISK ASSESSMENT

The utilisation of multiple capital maintenance programmes and the outputs of the workshops with the Local Authority Operations Staff held under the programme can be used to satisfy the requirements of Condition 5 regarding network integrity. Improvement works identified by way of these programmes and workshops will be included in the Improvements Summary Tables 4.2.1 and 4.2.2.

5 LICENCE SPECIFIC REPORTS

A wastewater discharge licence may require a number of reports on specific subject areas to be prepared for the agglomeration in question. These reports are submitted to the EPA as part of the Annual Environmental Report. This section provides a list of the various reports required for this agglomeration and a brief summary of their recommendations.

Licence Specific Report	Required by licence	Included in this AER
D0046-01-Priority Substances Assessment	Yes	No

6 CERTIFICATION AND SIGN OFF

6.1 SUMMARY OF AER CONTENTS

Parameter	Answer
Does the AER include an Executive Summary?	Yes
Does the AER include an assessment of the performance of the Waste Water Works (i.e. have the results of assessments been interpreted against WWDL requirements and or Environmental Quality Standards)?	Yes
Is there a need to advise the EPA for Consideration of a Technical Amendment/Review of the Licence?	Yes
List reason e.g. additional SWO identified	To include additional SWO identified
Is there a need to request/advise the EPA of any modification to the existing WWDL with respect to condition 4 changes to monitoring location, frequency etc	Yes
List reason e.g. changes to monitoring requirements	Ambient Monitoring Location Changes
Have these processes commenced?	Yes
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER	No

I certify that the information given in this Annual Environmental Report is truthful, accurate and complete:

Signed: Date: 26/08/2025

This AER has been produced by Uisce Éireann's Environmental Information System (EIMS) and has been electronically signed off in that system for and on behalf of ,

Eleanor Roche

Head of Environmental Regulation.

7 APPENDIX

Appendix
Appendix 7.1 - Ambient monitoring summary

Ambient Points

Ambient Monitoring Point from WWDL (or as agreed with EPA)	*Irish Grid Reference*	EPA Feature Coding Tool code	Receiving Waters Designation (Y/N)				WFD Status
			Bathing Water	Drinking Water	FWPM	Shellfish	
CW33002081SY4002	322087, 147973	TPEFF3300D0046SW001	No	No	No	No	High
CW33002081SY4003	320251, 156046	TPEFF3300D0046SW001	No	No	No	No	High
CW33002081SY4004	321659, 160082	TPEFF3300D0046SW001	No	No	No	No	High

Ambient Impact Assessment Table

Parameter Name	Upstream Monitoring Point Annual Mean	Upstream Monitoring Point Location	Downstream Monitoring Point Location	Downstream Monitoring Point Annual Mean	EQS (Mean)	%EQS
BOD mg/l	CW33002081SY4002	1.495	CW33002081SY4003	1.066		
BOD mg/l	CW33002081SY4002	1.495	CW33002081SY4004	0.962		
Ortho-Phosphate (as P) mg/l	CW33002081SY4002	0.008	CW33002081SY4003	0.011		
Ortho-Phosphate (as P) mg/l	CW33002081SY4002	0.008	CW33002081SY4004	0.008		
Ammonia (as N) mg/l	CW33002081SY4002	0.462	CW33002081SY4003	0.436		
Ammonia (as N) mg/l	CW33002081SY4002	0.462	CW33002081SY4004	0.426		
Dissolved Inorganic Nitrogen mg/l	CW33002081SY4002	1.779	CW33002081SY4003	1.667	1.0	
Dissolved Inorganic Nitrogen mg/l	CW33002081SY4002	1.779	CW33002081SY4004	3.165	1.0	

E. Coli no. 100/mls	CW33002081SY4002	996.000	CW33002081SY4003	271.500		
E. Coli no. 100/mls	CW33002081SY4002	996.000	CW33002081SY4004	44.750		
Intestinal Enterococci no. 100/mls	CW33002081SY4002	21.500	CW33002081SY4003	171.000		
Intestinal Enterococci no. 100/mls	CW33002081SY4002	21.500	CW33002081SY4004	27.000		
Faecal Coliforms no. 100/mls	CW33002081SY4002	996.000	CW33002081SY4003	271.500		
Faecal Coliforms no. 100/mls	CW33002081SY4002	996.000	CW33002081SY4004	44.750		
Temperature °C	CW33002081SY4002	13.970	CW33002081SY4003	13.960		
Temperature °C	CW33002081SY4002	13.970	CW33002081SY4004	14.311		
Total Nitrogen (as N) mg/l	CW33002081SY4002	3.778	CW33002081SY4003	3.111		
Total Nitrogen (as N) mg/l	CW33002081SY4002	3.778	CW33002081SY4004	6.000		

Ambient Data Tables

Monitored Entity	Station	Monitoring Point	Sample Date	Ammonia-Total (as N)	BOD- 5 days (Total)	Dissolved Inorganic Nitrogen	E.coli	Faecal coliforms	Intestinal enterococci	Ortho-phosphate (as P)	Temperature	Total Nitrogen (as N)	Visual Inspection
				mg/l	mg/l	mg/l	cfu/100ml	cfu/100ml	cfu/100ml	mg/l	°C	mg/l	
Irish Sea	CW33002081SY4002	Upstream	06/02/2024		<1	<0.20	3900	3900	29	<0.010	9.5		slightly turbid, colourless
Irish Sea	CW33002081SY4002	Upstream	04/03/2024		<1	<0.20				0.016	8.3	2	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4002	Upstream	02/04/2024		1	<0.20				<0.010	10.3	1	turbid, colourless
Irish Sea	CW33002081SY4002	Upstream	07/05/2024		2	<0.20			11	<0.010	12.9	1	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4002	Upstream	04/06/2024		7	0.61	29	29		<0.010	17.3	2	Clear, colourless, few suspended solids
Irish Sea	CW33002081SY4002	Upstream	01/07/2024	0.51	<1	0.51	41	41	42	<0.010	15.5	4	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4002	Upstream	01/08/2024	0.39	<1	14.69				<0.010	19.2	17	clear, colourless with very few suspended solids
Irish Sea	CW33002081SY4002	Upstream	17/09/2024	0.52	<1	0.52	14	14	4	<0.010	18.1	1	Colourless, Paticles
Irish Sea	CW33002081SY4002	Upstream	07/10/2024	0.48	<1	0.48				<0.010	14.3	4	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4002	Upstream	07/11/2024	0.41	<1	0.41				<0.010	14.3	2	Colourless, clear, no SS
			Mean	0.462	1.495	1.779	996.000	996.000	21.500	0.008	13.970	3.778	

Monitored Entity	Station	Monitoring Point	Sample Date	Ammonia-Total (as N)	BOD-5 days (Total)	Dissolved Inorganic Nitrogen	E.coli	Faecal coliforms	Intestinal enterococci	Ortho-phosphate (as P)	Temperature	Total Nitrogen (as N)	Visual Inspection
				mg/l	mg/l	mg/l	cfu/100ml	cfu/100ml	cfu/100ml	mg/l	°C	mg/l	
Irish Sea	CW33002081SY4003	Downstream	06/02/2024		<1	<0.20	170	170	20	<0.010	9.4		turbid, slightly yellowish
Irish Sea	CW33002081SY4003	Downstream	04/03/2024		<1	<0.20				<0.010	8.4	1	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4003	Downstream	02/04/2024		<1	<0.20				<0.010	10.3	1	turbid, colourless
Irish Sea	CW33002081SY4003	Downstream	07/05/2024		4	<0.20			24	<0.010	13.1	1	Clear, colourless, a few suspended solids
Irish Sea	CW33002081SY4003	Downstream	04/06/2024		<1	0.62	50	50		<0.010	16.1	1	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4003	Downstream	01/07/2024	0.46	<1	0.46	860	860	640	<0.010	15.8	2	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4003	Downstream	01/08/2024	0.48	<1	13.78				0.02	20.4	17	slightly turbid, slightly yellowish with moderate suspended solids
Irish Sea	CW33002081SY4003	Downstream	17/09/2024	0.4	1	0.4	6	6	0	<0.010	17.9	1	Colourless, Paticles
Irish Sea	CW33002081SY4003	Downstream	07/10/2024	0.42	<1	0.42				<0.010	14.4	2	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4003	Downstream	07/11/2024	0.42	<1	0.42				0.03	13.8	2	Colourless, clear, no SS
			Mean	0.436	1.066	1.667	271.500	271.500	171.000	0.011	13.960	3.111	

				Ammonia-Total (as N)	BOD- 5 days (Total)	Dissolved Inorganic Nitrogen	E.coli	Faecal coliforms	Intestinal enterococci	Ortho-phosphate (as P)	Temperature	Total Nitrogen (as N)	Visual Inspection
Station	Station Reference	Monitoring Point	Sample Date	mg/l	mg/l	mg/l	cfu/100ml	cfu/100ml	cfu/100ml	mg/l	°C	mg/l	
Irish Sea	CW33002081SY4004	Downstream	06/02/2024		<1	<0.20	130	130	12	<0.010	9.7		slightly turbid, colourless
Irish Sea	CW33002081SY4004	Downstream	04/03/2024		<1	<0.20				0.013	8.6	1	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4004	Downstream	07/05/2024		<3	<0.20			14	<0.010	12.9	2	Clear, light yellow, no suspended solids
Irish Sea	CW33002081SY4004	Downstream	04/06/2024		<3	0.63	18	18		<0.010	16.3	2	Clear, colourless, few suspended solids
Irish Sea	CW33002081SY4004	Downstream	01/07/2024	0.51	<1	0.51	3	3	2	<0.010	15.7	10	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4004	Downstream	01/08/2024	0.24	<1	25.54				<0.010	19.1	26	clear, colourless with very few suspended solids
Irish Sea	CW33002081SY4004	Downstream	17/09/2024	0.46	1	0.46	28	28	80	0.01	18.3	1	Colourless, Paticles
Irish Sea	CW33002081SY4004	Downstream	07/10/2024	0.4	<1	0.4				<0.010	14.1	3	Clear, colourless, no suspended solids
Irish Sea	CW33002081SY4004	Downstream	07/11/2024	0.52	2	0.52				<0.010	14.1	3	Colourless, clear, no SS
			Mean	0.426	0.962	3.165	44.750	44.750	27.000	0.008	14.311	6.000	